

Trinity River.—The Trinity River flood was comparatively mild, and the resulting losses small when compared with those sustained in the Brazos and Colorado overflows. The rainfall is presented in detail by Table 6, below. The stream was strongly fluctuating above Dallas from April 22 to 27, but at Dallas there was a continuous rise after the flood stage was reached on the 23d. The crest occurred at 7.30 p. m. April 29, with stage 36.7 feet, and the water continued out of banks until the night of May 5-6. At Long Lake, which is near Palestine and 109 miles below Dallas, the crest occurred also on April 29, due to flood waters coming in from Cedar and Pecan Creeks, which drain a considerable territory above Long Lake. The subsidence of the flood at Long Lake was slow and the water did not get within banks again until May 17. At Liberty, the lowest river station on the Trinity, flood stage was reached on April 30.

The stream rose extremely slowly until May 17, as shown by Table 7, when it attained a stage of 27.3 feet, remained stationary during the next five days, and then began to recede as slowly as it had risen. At Dallas one person accidentally fell into the stream and was drowned. The stream flows through much woodland after leaving Dallas and comparatively little territory is under cultivation, so that the crop damage could not have been excessive. No animals were reported lost, although stock, and especially hogs, are permitted to run at large in the woods.

Guadalupe River.—On the Guadalupe River the flood was of comparatively short duration at Gonzales. On April 21 the river got bank full at that place and then fell rapidly, but, as shown by Table 9, it soon rose again on the 24th, and by 5.30 a. m., April 25, attained a stage

of 30 feet, its highest reported stage. The rainfall is shown in Table 8. At Victoria, which is below Gonzales, the stream rose steadily from April 21 to April 28, when the crest passed with a stage of 24.5 feet. The flood subsided by May 5. The flats at the edge of Victoria were under several feet of water at the height of the flood.

TABLE 9. Stages of the Guadalupe River, April 15 to May 10, 1915.

[8 a. m., 75th meridian time; 6 a. m., 105th meridian time.]

Flood stage.....	Gonzales.	Victoria.	Flood stage.....	Gonzales.	Victoria.
	22 feet.	16 feet.		22 feet.	16 feet.
	<i>Feet.</i>	<i>Feet.</i>		<i>Feet.</i>	<i>Feet.</i>
Apr. 15.....	2.5	3.9	Apr. 28.....	27.0	24.5
16.....	2.5	2.8	29.....	24.3	24.3
17.....	2.3	2.8	30.....	19.0	24.0
18.....	2.3	2.9	May 1.....	11.5	23.8
19.....	8.3	2.9	2.....	9.9	22.9
20.....	20.8	3.3	3.....	9.0	22.4
21.....	22.0	14.4	4.....	8.2	16.8
22.....	17.5	19.2	5.....	7.7	15.4
23.....	9.6	21.4	6.....	10.0	14.4
24.....	21.8	22.6	7.....	10.7	13.9
25.....	29.9	23.0	8.....	9.0	13.3
25 5.30 a. m.....	30.0	9.....	7.3	12.6
26.....	29.0	23.0	10.....	6.7	10.3
27.....	28.2	23.9			

Stages at or above flood stage are in black face type.

It is regretted that the returns received were too meager to give an adequate idea of the losses sustained. Replanting of crops was begun immediately upon the subsidence of the floods and, with favorable weather conditions, the outlook is not discouraging.

MEAN LAKE LEVELS DURING APRIL, 1915.

By UNITED STATES LAKE SURVEY.

[Dated: Detroit, Mich., May 6, 1915.]

The following data are reported in the "Notice to Mariners" of the above date:

Stations.	Total Apr. 14-20.	Rainfall Apr. 21-26, 1915.						Total.
		21	22	23	24	25	26	
	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>
Kerrville.....	1.66		0.08	0.74	0.00	0.75	1.03	2.60
New Braunfels.....	5.41			2.30	0.52	0.57	0.22	3.61
Luling.....	3.93			1.58	0.05	0.76	0.10	3.09
Blanco.....	1.68			1.90	0.47	0.26	1.33	3.96
San Marcos.....	1.00			1.50	0.49	0.71	0.61	3.31
Flatonia.....	2.44		0.10	2.64	3.95	0.20	0.20	7.09
Gonzales.....	2.67			2.07	0.41	0.47	0.08	3.63
Cuero.....	1.27			2.98	0.57	0.44	0.15	4.14
Victoria.....	0.05			1.06	1.29			3.25
Austwell.....	0.00			0.87	1.43			2.30
Total.....	20.11	0.00	0.18	18.54	9.78	4.16	3.72	36.38
General means.	2.01	0.00	0.02	1.85	0.98	0.42	0.37	3.64

Data.	Lakes.			
	Superior.	Michigan and Huron.	Erie.	Ontario.
	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>
Mean level during April, 1915:				
Above mean sea level at New York.....	601.34	579.48	571.45	245.04
Above or below—				
Mean stage of March, 1915.....	-0.16	-0.09	+0.08	-0.23
Mean stage of April, 1914.....	-0.50	-0.60	-0.73	-1.71
Average stage for April, last 10 years.....	-0.30	-0.91	-0.97	-1.44
Highest recorded April stage.....	-1.35	-3.75	-2.73	-3.39
Lowest recorded April stage.....	+0.80	+0.26	+0.19	+0.20
Probable change during May, 1915.....	+0.3	+0.3	+0.4	+0.4